

PROGRAM

AGENDA

FLOOD AND COASTAL ZONE MANAGEMENT AND PROTECTION MEASURES; TECHNICAL WORKSHOP 14-16 March 2007; New Orleans

Wednesday, March 14

- Lunch 1200-1330 - Guest speaker John Barry, author 'Rising Tide'.
Welcome Mr Paul J. Woodley ASCW
- Welcome and introductions
- 3rd Workshop goals and objectives
- Introduction to focus areas:
 - Roles and Responsibilities: Aspects of governance between the two countries; Levee Boards versus the Water Boards and their approach to flood protection (policy; design; operations, maintenance and inspection).
 - Technical Aspects of Levee and Floodwall Performance. A range of topics including robust and innovative design; how to address subsidence; effects of sea-level rise; guidelines for design and safety of levees; reliability analysis; performance of levee system during Katrina; design and construction changes as a result of Katrina; LACPR levee design; and reliability and risk analysis.
 - Damage Mitigation Planning (DMP): Primarily focused on roles and responsibilities (overlap with first focus area), contingency planning for floods and response and recovery measures.
 - Integrated Approach: Kick-off workshop for cooperation between Louisiana State, Province Zeeland and RWS.
- Break-Out Groups (1500-1645)
 - Group 1 – Emergency Evacuation of the New Orleans Area: Presentation by Stephen Glasscock, State of LA Department of Transportation and Development.
 - Group 2 – Katrina's Impact on Levee Systems: Work that has been completed, that is still underway and is planned through 2010. Presentation by John Meador, Taskforce Hope
- Levee/Floodwall/ Floodgate Failure Models: Fragility curves vs physics based models. Presentation by Dr. Reed Mosher, ERDC.
- First Day Wrap-Up (1645-1700)

Thursday, March 15 (Morning: 0830-1200)

- Tour 1 – Emergency cross-overs and rehabilitation work on I-10 Twin Span-bridges; 17th Street Canal construction. Steve Heraty, Volkert and Associates
- Tour 2 – Work that is ongoing at 17th Street Canal; Lakeview area; New Sector Gate construction at Harvey Canal. Al Naomi, Corps of Engineers, Jackie Purrington, Corps of Engineers
- Tour 3 – Mississippi River Delta area, MRGO, Coastal wetlands, Port Area, Metro NO HPS. Tim Axtman, Corps of Engineers

Thursday, March 15 (Afternoon: 1330-1700)

Group 1 –

1330-1500 - Roles and Responsibilities – Presentation by Richard Jorissen

1500-1515 - Break

1515-1645 – Zeeland-Louisiana cooperative agreement – integrated approaches

Group 2 –

1330-1500 - Robust Design and Failure Mechanisms – Bas Jonkman, Joop Weijers S

Presentations on Sea Level Impacts – Kevin Knuuti, ERDC

Localized land subsidence in Louisiana – Del Britsch, USACE

1500-1515- Break

1515- 1645 - Levee design criteria for specific surge and wave return periods – Dr. Don Resio ERDC and Dr. Jane Smith ERDC

- Levee overtopping, exposed earth performance and armor slopes, Dr. Steven Hughes, ERDC

Friday, March 16 (Morning: 0900-1200)

Group 1 – Damage Mitigation Planning

0900-1015 – Towards a Dutch National Contingency Plan for Floods, Wilfried ten Brinke

1015-1030 Break

1030-1200 – Role of Rijkswaterstaat as manager of flood defenses /early warning and evacuation during response and recovery phase: Jos van Alphin

- experiences with emergency repair of dikes, roads,
- experiences with cleaning operations, recommendations to avoid pollution caused by flooding
- Role of (and problems with) communication and information systems
- Federal response to disasters, Mike Lowe, Corps of Engineers

Group 2 –

0900-1015 – Jan Heemstra – Geodelft, failure mechanisms

1015-1030 Break

1030-1200 – Innovative levee designs, latest on hollow core levees, discussion by Geodelft representative. Wesley Jacobs, Arcadis.

Friday, March 16 (Afternoon: 1300-1500)

- Groups report progress
- Open discussion
- Recommended next steps
- Adjourn